

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		Attorney Docket No. <b>2520-1064</b> U.S. Application No. <b>10/549327</b>
INTERNATIONAL APPLN. NO. <b>PCT/IB2004/000748</b>	INTERNATIONAL FILING DATE <b>March 16, 2004</b>	PRIORITY DATE CLAIMED <b>March 18, 2003</b>
TITLE OF INVENTION: <b>METHOD AND DEVICE FOR DETERMINING THE RESONANT FREQUENCY OF RESONANT PIEZOELECTRIC SENSORS</b>		
APPLICANT(S) FOR DO/EO/US: <b>Vittorio FERRARI, Daniele MARIOLI, Andrea TARONI</b>		
Applicant herewith submits to the United States Designated Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2))                         <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau. See attached PCT/IB/308.</li> <li>c. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2))                         <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))                         <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made, however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).</li> <li>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4))</li> <li>10. <input type="checkbox"/> A Declaration of Inventorship for purposes of U.S.A. designation pursuant to rule 4.17(iv). ))</li> <li>11. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> <p style="margin-left: 20px;"><b>Items 11 to 20 below concern document(s) or information included:</b></p> <ol style="list-style-type: none"> <li>12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS) w/PTO-1449 - <input checked="" type="checkbox"/> Copy of IDS citations.</li> <li>13. <input type="checkbox"/> Assignment Papers (cover sheet &amp; document(s)).</li> <li>14. <input checked="" type="checkbox"/> A preliminary amendment.</li> <li>15. <input checked="" type="checkbox"/> An Application Data Sheet under 37 C.F.R. 1.76.</li> <li>16. <input checked="" type="checkbox"/> Itemized Return Receipt Postcard</li> <li>17. <input type="checkbox"/> A substitute specification.</li> <li>18. <input type="checkbox"/> Power of Attorney and Statement under 37 CFR §3.73(b)                         <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> Newly executed Power of Attorney</li> <li>b. <input type="checkbox"/> A change of Power of Attorney and/or change of address letter.</li> </ol> </li> <li>19. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</li> <li>20. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li>21. <input type="checkbox"/> A second copy of the English language translation of the international application (35 U.S.C. 154(d)(4)).</li> <li>22. <input checked="" type="checkbox"/> Other items or information: <u><b>International Search Report</b></u></li> </ol>		

U.S. APPLICATION NO. <b>2007349327</b>		INTERNATIONAL APPLN. NO. PCT/IB2004/000748		ATTORNEY DOCKET NO. 2520-1064	
<input checked="" type="checkbox"/> <b>Applicant claims small entity status. See 37 CFR 1.27.</b>  <input checked="" type="checkbox"/> The following fees are submitted:  <p style="text-align: center;"><b>PCT FEES - NATIONAL STAGE</b></p>				<b>CALCULATIONS PTO USE ONLY</b>	
<u><b>Fee Description</b></u>					
Basic National Stage Fee				<b>\$150.00</b>	
Non ISA/US Search Provided      National Stage Search Fee				<b>\$200.00</b>	
<input type="checkbox"/> US was the IPEA And all claims satisfied the provisions of PCT Article 33 (1)-(4)      National Stage Examination Fee				<b>\$100.00</b>	
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20- <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (Fee Code 1617/2617)				<b>\$65.00</b>	
National Stage Application size fee each additional 50 sheets in excess of 100  Fee Code 1681/2681	Additional Sheets 22 - 100 =      =      X <div style="text-align: center; border-top: 1px solid black; width: 50px; margin: 0 auto;">50</div>	Fee From Below <b>\$125.00</b>		<b>\$0.00</b>	
<b>CLAIMS</b>		NUMBER FILED	NUMBER EXTRA	RATE	
Independent Claims Fee Codes 1614 / 2614		2 - 3 =		x \$100.00	<b>\$0.00</b>
Total Claims Fee Codes 1615 / 2615		22 - 20 =	2	x \$25.00	<b>\$50.00</b>
MULTIPLE DEPENDENT CLAIM(S) (if applicable) Fee Code 1616 / 2616				+ \$360.00	<b>\$0.00</b>
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)). Fee Code 1618				<b>\$0.00</b>	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). (Fee code 8021) \$40.00 per property      +				<b>\$0.00</b>	
<b>TOTAL FEES ENCLOSED</b>				<b>=</b>	<b>\$565.00</b>
				Amount to be refunded:	\$
				Charged:	\$
<input checked="" type="checkbox"/> A check in the amount of <b>\$565.00</b> to cover the above fees is attached.  <input type="checkbox"/> The Director is hereby authorized to charge indicated fees and credit any overpayment to Deposit Account No. 25-0120 in the name of Young & Thompson. A duplicate copy of this sheet is enclosed.  <input checked="" type="checkbox"/> The Director is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 25-0120 for any additional fee required under 37 C.F.R. §§ 1.16 or 1.17.					
SEND ALL CORRESPONDENCE TO: YOUNG & THOMPSON 745 South 23 <sup>rd</sup> Street Arlington, VA 22202 Telephone: (703) 521-2297 Facsimile: (703) 685-0573  Y&T Customer No. <b>00466</b> EJ/lpp			<div style="text-align: right; margin-bottom: 10px;">           SIGNATURE       </div> <div style="text-align: right; margin-bottom: 10px;">         Eric Jensen, Reg. No. 37,855          NAME, REGISTRATION NUMBER       </div> <div style="text-align: right;">         September 16, 2005          DATE       </div>		

INT. APPLN. # PCT/IB2004/000748

Docket No. 2520-1064

**ATTACHED IS A NEW NATIONAL PHASE APPLICATION OF**

INVENTOR(S): Vittorio FERRARI, Daniele MARIOL, Andrea TARONI

TITLE: METHOD AND DEVICE FOR DETERMINING THE RESONANT FREQUENCY OF RESONANT PIEZOELECTRIC SENSORS

FILING DATE: September 16, 2005

CONSISTING OF: ☒ Transmittal Letter (PTO-1390) ☒ SMALL ENTITY CLAIM

☐ Published Application (Non-English) ☒ English Language Translation

**22 Total pages** consisting of **15** Pages of Description, **3** Pages of Claims

**3** Sheets Of Drawings and **1** Page(s) Abstract

☒ Application Data Sheet

☒ Preliminary Amendment

☐ Executed declaration (1)

☐ Paper Sequence Listing

☐ Not. of Sub. of Sequence Listing

☐ International Preliminary Examination Report (PCT/PEA/409)

☒ Amended sheets w/ IPER

☒ Info. Disclosure Statement w/ 1449

☒ 3 Cited References

Other: International Search Report

USPTO - PLEASE STAMP RECEIPT DATE AND APPLICATION NUMBER

Actual due date: 9/18/2005

JC02 Rec'd PCT/PTO 16 SEP 2005

**10/549327**

PCT/IB/308

Coversheet of Publication

Exec. Assignment w/PTO-1595

Computer readable Seq. List. (diskette)

Article 19 Amendments

International Search Report

Check # 33326 for ~~\$1,385.00~~

4565.00

EU/IPP